Page 1 of 8						
INFORMAT	TION A	tty. Docket	No.: P22454.02	Serial	No.: 10/7	74,345
DISCLOSU	JRE	· · · · ·				
(PESTATEME	NT A	pplicant(s):	Cole et al.	-		
82	F	iling Date: F	Feb. 6, 2004	Group	: 3731	
AN 22 2008		U.S. PATEN	T DOCUMENTS			
Examiner Doc	ument Number	Date	Name	Class	SubClass	Filing Date If

Examiner O	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	2,953,970	09-1960	Maynard			
	3,041,697	07-03-1962	Budreck			
	3,372,443	03-1968	Daddona, Jr.			
	3,727,658	04-1973	Eldridge, Jr.			
	3,952,334	04-1976	Bokros et al.			
	4,837,114	06-1989	Hamada et al.			
	4,917,778	04-1990	Takada et al.			
	4,935,080	06-1990	Hassell et al.			
	5,013,411	05-1991	Minowa et al.			
	5,275,891	01-1994	Tagaya et al.			
	5,316,595	05-1994	Hamada et al.			
	5,425,763	06-1995	Stemmann			
	5,626,601	05-16-1997	Gershony et al.			
	5,758,663	06-02-1998	Wilk et. al.			
	5,797,920	08-1998	Kim			
	6,074,416	06-2000	Berg et al.			
	6,179,849	01-2001	Yencho et al.			
	6,187,020	02-13-2001	Zegdi et al			
	6,241,743	06-2001	Levin et al.			
	6,293,955	09-2001	Houser et al.			
	6,296,604	10-2001	Garibaldi et al.			
	6,428,550	08-2002	Vargas et al.			
	6,575,168	06-2003	LaFontaine et al.			
	6,579,311	06-2003	Makower			
	6,616,675	09-2003	Evard et al.]		
	6,632,229	10-2003	Yamanouchi			
	6,652,540	11-25-2003	Cole et al.			
	6,802,847	10-12-2004	Carson et al.			
·	6,932,827	08-2005	Cole			
	7,214,234	05-08-2007	Rapacki et al.			
	7,232,449	06-19-2007	Sharkawy et al.			
	7,241,300	07-10-2007	Sharkawy et al.			

EXAMINER	Date Considered
	, ,

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 2 of 8

INFO	INFORMATION DISCLOSURE		No.: P22454.02	Serial No.: 10/774,345			
DISC							
STA	TEMENT	Applicant(s):	Applicant(s): Cole et al.				
		Filing Date: Feb. 6, 2004		Group: 3731			
		U.S. PATEN	NT DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
	2002/0143347	10-03-2002	Cole				
	2002/0193782	12-2002	Ellis et al.				
	2003/0014061	01-2003	Houser et al.				
	2003/0014063	01-2003	Houser et al.				
	2003/0065345	04-2003	Weadock				
	2003/0167064	09-2003	Whayne				
	2004/0215214	10-28-2004	Crews				
	2005/0021059	01/27/2005	Cole				
	2005/0080439	04-14-2005	Carson				
	2005/0192603	09-01-2005	Cole				
	2006/0161244	07-2006	Seguin				
	2006/0282106	12-14-2006	Cole				
	2007/0010834	01-11-2007	Sharkawy				
	2007/0250084	10-25-2007	Sharkawy				

EXAMINER	Date Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NFORMATION DISCLOSURE		Atty. Docket No.: P22454.02		Serial No.: 10/774,345			5	
						·		
STAT	EMENT	Applicant(s)	Cole et al.					
		Filing Date: Feb. 6, 2004		Group: 3731				
		ODEICN DA	TENT DOCUMENT	FC				
	Document Number	Date Country		Class	SubClass	Translatio		
						Yes	No	
	FR 2760627	09-1998	FR				T	
	WO 00/24339	05-2000	WO					
	WO 00/27312	05-2000	WO				T	
	WO 00/32241	06-2000	WO					
	WO 00/33770	06-2000	WO					
	WO 02/094108	11-2002	WO					
	WO 02/09594	02-2002	WO				T	
	WO 02/19946	03-2002	WO					
	WO 02/39878	05-2002	WO				T	
	WO 81/00668	03-1981	WO					
	WO 97/12555	04-1997	WO					
	WO 97/31578	02-1996	WO					
	WO 98/40036	09-1998	WO					
	WO 99/40851	08-1999	WO					

WO

wo

EXAMINER	Date Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

WO 99/62415

WO 99/63894

12-1999

12-1999

INFORMATION	Atty. Docket No.: P22454.02	Serial No.: 10/774,345
DISCLOSURE		
STATEMENT	Applicant(s): Cole et al.	
	Filing Date: Feb. 6, 2004	Group: 3731

		Aharinejad S.H., et al., Microvascular Corrosion Casting in Scanning Electron Microscopy.
		Technique and Applications, Springer – Verlag/Wien, New York, pp. 12-23, 25, 28-39, 63-73, 75-
		81.
		Ahn CY, Shaw WW, Berns S, et al., "Clinical Experience With the 3M Microvascular Coupling
		Anastomotic Device in 100 Free-Tissue Transfers," Plastic and Reconstructive Surgery, June 1994;
		93(7):1481-84.
		Angelini E, et al., "Corrosion under Static and Dynamic Conditions of Alloys Used for Magnetic
		Retention in Dentistry," J Prosthet Dent, 1991; 65:848-53.
	╁	ASM Metals Reference Book, Third Edition, Copyright 1993, p. 355.
	+	•
1		Attai, et al., Aortic Valve Replacement in the Presence of Hufnagel Valve in the Descending Aorta,
	 	J. Thoracic Cardiovas. Surg., 1974, 68(1):112-115.
		Attanasio SA, et al., "Corrosion of Rapidly Solidified Neodymion-Iron-Boron (Nd-Fe-B)
		Permanent Magnets and Protection via Sacrificial Zinc Coatings," Material Science and
		Engineering, 1995; A198:25-34.
		Bala H, et al., "Effect of Impurities on the Corrosion Behavior of Neomydium," Journal of Applied
	1	Electrochemistry, 1993; 23(10):1017-1024.
		Beppu, et al., A Computerized Control System for Cardiopulmonary Bypass, J. Thoracic
		Cardiovas. Surg., 1995, 109(3):428-438.
		Bjork VO, Iert T, Landou C., "Angiographic changes in Internal Mammary Artery and Saphenous
		Vein Grafts, Two Weeks, One Year and Five Years After Coronary Bypass Surgery," Scand J Thor
		Cardiovasc Surg, 1981; 15:23-30.
		Bornemisza G, Furka I., "Nonsuture Vascular Anastomosis," Acta Chirurgica Academiae
		Scientiarium Hungaricae, Tomus, 1971; 12(1):49-56.
1	1 1 -	Bourassa MG, Fisher LD, Campeau L, et al., "Long-Term Fate if Bypass Grafts: The Coronary
		Artery Surgery Study (CASS) and Montreal Heart Institute Experiences," Circ, December 1985;
1		72(suppl V):71-77.
		Brochure for "Neomax, Rare Earth Magnets," pp. 31-33, undated.
	1 1 -	Buffolo E, de Andrade JCS, Branco JNR, et al., "Coronary Artery Bypass Grafting Without
		Cardiopulmonary Bypass," Ann Thorac Surg, 1996; 61:63-6.
		Casanova R, Herrera GA, Vasconez EB, et al, "Microarterial Sutureless Sleeve Anastomosis Using
		a Polymeric Adhesive: An Experimental Study," <u>J Reconstr Microsurg</u> , April 1987; 3(3):201-7.
	 	Cha, et al., Silent Coronary Artery-Left Ventricular Fistula: A Disorder of the Thebesian System?,
		Angiology, 1978; 29(2):169-173
	+	Cheng CW, Cheng FT, Man HC, "Improvement of protective coatings on Nd-Fe-B magnet by
		pulse nickel plating," <u>Journal of Applied Physics</u> , June 1, 1998; 83(11):6417-6419.
	 	Cheng CW, et al., "Magnetic and Corrosion Characteristics of Nd-Fe-B Magnet with Various
		Surface Coatings," <u>IEEE Transactions on Magnetics</u> , 1997; 33(5):3910-3912 and CD-10.
	┼┼-	
		Dake, et al., Transluminal Placement of Endovascular Stent-Grafts for the Treatment of
	+	Descending Thoracic Aortic Aneurysms, New England J. Med., 1994, 331(2):1729-1.
		David JL, Limet R, "Antiplatelet Activity of Clopidogrel in Coronary Artery Bypass Graft Surgery
	<u> </u>	Patients," Thromb Haemost, November 1999; 82(5):417-21.

EXAMINER	Date Considered

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 5 of 8

INFORMATION	Atty. Docket No.: P22454.02	Serial No.: 10/774,345	
DISCLOSURE			
STATEMENT	Applicant(s): Cole et al.	\	
	Filing Date: Feb. 6, 2004	Group: 3731	

	DeLacure MD, Kuriakose MA, Spies AL, "Clinical Experience in End-to-Side Venous
	Anastomosis With a Microvascular Anastomotic Coupling Device in Head and Neck
	Reconstruction," Arch Otolaryngol Head Neck Surg, August 1999; 125:869-72.
	Detweiler MB, Detweiler JG, Fenton J, et al., "Sutureless and Reduced Suture Anastomosis of
	Hollow Vessels with Fibrin Glue: A Review," J Invest Surg, September 1999; 12(5):245-62.
	Dormer KJ, Gan RZ, Santo R, "Middle Ear Titanium Transducer," Society for Biomaterials, Sixth
	World Biomaterials Congress Transactions; 2000: 1272.
	Eckstein FS, Bonilla LF, Meyer B, et al., "Sutureless mechanical anastomosis of a saphenous vein
	graft to a coronary artery with a new connector device," <u>Lancet</u> , Vol. 357, March 24, 2001, pp.
	931-932.
	Endo K, et al., "Effects of Titanium Nitride Coatings on Surface and Corrosion Characteristics on
,	Ni-Ti Alloy," Dental Materials Journal, 1994; 13(2):228-39.
	Evans RD, et al., "Effect of Corrosion Products (neodymium Iron Boron) on Oral Fibroblast
	Proliferation," J of Applied Biomater, 1995; 6(3):199-202.
	Frey RR, Bruschke AVG, Vermeulen FEE, "Serial Angiographic Evaluation 1 Year and 9 Years
	After Aorata-Coronary Bypass," J Thorac Cardiovasc Surg, 1984; 87(2):167-74.
	Goldman S, Copeland J, Moritz T, et al., "Improvement in Early Saphenous Vein Graft Patency
	After Coronary Artery Bypass Surgery With Antiplatelet Therapy: Results of a Veterans
	Administration Cooperative Study," Circulation, June 1988; 77(6):1324-32.
	Goldman S, et al., "Starting aspirin therapy after operation – effects on early graft patency,"
	Circulation, 1991; 84:520-526.
	Goldman S, Zadina K, Krasnicka B, et al., "Predictors of Graft Patency 3 Years After Coronary
	Artery Bypass Graft Surgery," J Am Coll Cardiol, June 1997; 29(7):1563-8.
	Goy JJ, Kaufman U, Goy-Eggenberger D, et al., "A Prospective Randomized Trial Comparing
	Stenting to Internal Mammary Artery Grafting for Proximal, Isolated de novo Left Anterior
	Coronary Artery Stenosis: The SIMA Trial, Stenting vs. Internal Mammary Artery," Mayo Clin
1 1	Proc, November 2000; 75(11):1116-23.
	Grieb B, "New Corrosion Resistant Materials Based on Neodym-Iron-Boron," Intermag
 	Conference, 1997; CD-08.
	Group Arnold, The Magnetic Products Group of SPS Technologies, "Neodymium Magnets,"
<u> </u>	Website: www.grouparnold.com, 4 pages (2008).
	Gundry SR, Black K, Izuntani H, "Sutureless Coronary Artery Bypass with Biologic Glued
	Anastomosis: Preliminary In Vivo and In Vitro Results," <u>J Thorac Cardiovasc Surg</u> , September
	2000; 120(3):473-77.
	Guyton RA, McClenathan JH, Michaelis LL, "A Mechanical Device for Sutureless Aorta-
	Saphenous Vein Anastomosis," Ann Thorac Surg, October 1979; 28(4):342-5.
	Heijmen RH, Borst C, van Dalen R, et al., "Temporary Luminal Arteriotomy Seal: II. Coronary
	Artery Bypass Grafting on the Beating Heart," Ann Thorac Surg, 1998; 66:471-6.
	Heijmen RH, Hinchliffe P, Borst C, et al., "A Novel One-Shot Anastomotic Stapler Prototype for
	the Coronary Bypass Grafting on the Beating Heart: Feasibility on the Pig," J Thorac and
	<u>Cardiovasc Surg</u> , January 1999; 117(1):117-25
	Ilia, R., Coronary Angiography in Dextrocardia, Catheterization Cardio. Diag., 1991, 24 p150

EXAMINER	Date Considered		

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION	Atty. Docket No.: P22454.02	Serial No.: 10/774,345
DISCLOSURE		
STATEMENT	Applicant(s): Cole et al.	
	Filing Date: Feb. 6, 2004	Group: 3731

Jamieson, S.W., Aortocoronary Saphenous Vein Bypass Grafting, Operative Surgery, 4th Edition, pp. 454-470.
Kajiya, et al., Mechanical Control of Coronary Arter Inflow and Vein Outflow, Jap. Cir. J., 1989, 53:431-438.
Kitsugi A, et al., "The Corrosion Behavior of Nd2Fe14B and SmCo5 Magnets," <u>Dental Materials</u> <u>Journal</u> , 1992; 11(2):119-29.
Konerding MA, et al., "Scanning Electron Microscopy of Corrosion Casting in Medicine," Scanning Microscopy, 1991; 5(3):851-865.
Ku NC, et al., "Enhanced corrosion Resistance of NdFeB Type Permanent Magnet Coated by a Dual Layer of Either Ti/Al or Ni/Al Intermetallics," <u>IEEE Transactions on Magnetics</u> , 1997; 33(5):3913-5.
Ku NC, Qin C-D, Yu CC and Ng DHL, "Corrosion Reisstance of NdFeB magnets coated by Al," IEEE Transactions on Magnetics, September 1996; 32(5):4407-4409.
Lamestschwandter A, et al., "Scanning Electron Microscopy of Vascular Corrosion Casts – Technique and Applications: Updated Review," Scanning Microscopy, 1990; 4(4):889-941.
Louagie, et al., Operative Risk Assessment in Coronary Artery Bypass Surgery, 1990-1993: Evaluation of Perioperative Variables, Thorac. Cardiovasc. Surg., 1995, 43:134-141.
Lytle BW, Loop FD, Cosgrove DM, et al., "Long-Term (5 to 12 Years) Serial Studies of Internal Mammary Artery and Saphenous Vein Coronary Bypass Grafts." J Thorac and Cardiovasc Surg, February 1985; 89(2):248-58.
Magnet Sales and Manufacturing Company, Inc., "Neodymium Iron Boron," Website: www.magnetsales.com, 4 pages (2008).
Mattox DE, Wozniak JJ, "Sutureless Vascular Anastomosis with Biocompatible Heat-Shrink Tubing," Arch Otolaryngol Head Neck Surg, November 1991; 117:1260-4.
Minowa T, Yoshikawa M, Honshima M, "Improvement of the corrosion resistance on Nd-Fe-B magnet with nickel plating," IEEE Transactions on Magnetics, September 1989; 25(5):3776-3778.
Nataf P, Hinchliffe P, Manzo S, et al., "Facilitated Vascular Anastomoses: The One-Shot Device," Ann Thorac Surg, 1998; 66:1041-4.
Nataf P, Kirsch W, Hill AC, et al., "Nonpentrating Clips for Coronary Anastomosis," <u>Ann Thorac Surg</u> , 1997; 63:S135-7.
Noar JH, Whab A, Evans RD, Wojcik AG, "The durability of parylene coatings on neodymium-iron-boron magnets," Eur J Orthod, December 1999; 21(6):685-93.
Paz MA, Lupon J, Bosch X, et al., "Predictors of Early Saphenous Vein Aortocoronary Bypass Graft Occlusion. The GESIC Study Group," Ann Thorac Surg, November 1993; 56(5):1101-6.
Pourbaix M, "Electrochemical Corrosion of Metallic Biomaterials," Biomaterials, 1984; 5:122-34.
Puskas JD, Wright CE, Ronson RS, et al., "Clinical Outcomes and Angiographic Patency in 125 Consecutive Off-Pump Coronary Bypass Patients," <u>The Heart Surgery Forum #999-95310</u> , May 1999; 2(3):216-21.
Reddy, et al., Multiple Coronary Arteriosystemic Fistulas, Amer. J. Cardiol., 1974, 33:304-306.
Riess, Friedrich-Christian, et al., "Clinical Experience with the CorLink Device for Proximal Anastomosis of the Saphenous Vein to the Aorata: A Clinical Prospective, and Randomized Study." The Heart Surgery Forum #2002-71002 5(4), 2002:345-353
Riess, Friedrich-Christian, et al., "Clinical Experience with the CorLink Device for Proximal

EXAMINER	Date Considered

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION	Atty. Docket No.: P22454.02	Serial No.: 10/774,345
DISCLOSURE		
STATEMENT	Applicant(s): Cole et al.	
	Filing Date: Feb. 6, 2004	Group: 3731

· · · · · · · · · · · · · · · · · · ·		
		Rueland D, Schomacher PR, Mueller KM, et al., "Experimental Studies With a New Sutureless
		Anastomic Flange," Trans AM Soc Artif Intern Organs, 1979; 25:339-43.
		Ryhanen J, et al., "Biocompatibility of Nickel-Titanium Shape Memory Metal and Its Corrosion Behavior in Human Cell Cultures," <u>JBMR</u> , 33 1997; 451-7.
		Sanz G, Pajaron A, Algria E, et al., "Prevention of Early Aortocoronary Bypass Occlusion by Low-
		Dose Aspirin and Dipyridamole," Circulation, September 1990; 82(3):765-73.
		Sastri, et al., Coronary Artery Left Ventricular Fistula, Chest, 1975, 68(5):735-736.
		Scheltes JS, Heikens M, Pistecky PV, et al., "Assessment of Patented Coronary End-to-Side Anastomotic Devices Using Micromechanical Bonding," <u>Ann Thorac Surg</u> , July 2000; 70(1):218-21.
		Segal, et al., Alterations of Phasic Coronary Artery Flow Velocity in Humans During Percutaneous Coronary Angioplasty, JACC, 1992, 20(2):276-286.
		Seides SF, Borer JS, Kent KM, et al., "Long-Term Anatomic Fate of Coronary-Artery Bypass Grafts and Functional Status of Patients Five Years after Operation," N Engl J Med, 1978; 298(22):1213-17.
		Senftle F, et al., "Electrolytic Corrosion of Gold and the Formation of Au2(SO4)3 in Concentrated Sulfuric Acid," Journal of the Electrochemical Society, 1985; 129-30
	- -	Sethi GK, Copeland JG, Goldman S, et al., "Implications of Preoperative Administration of Aspirin
		in Patients Undergoing Coronary Artery Bypass Grafting. Department of Veterans Affairs
	1	Cooperative Study on Antiplatelet Therapy," J Am Coll Cardiol, January 1990; 15(1):15-20.
		Souza DSR, Bomfim V, Skoglund H, et al., "High Early Patency Saphenous Vein Graft for
		Coronary Artery Bypass Havested with Surrounding Tissue," Ann Thorac Surg, 2001; 71:797-800.
		Stevens, et al., Port-Access Coronary Artery Bypass Grafting: A Proposed Surgical Method, J.
		Thorac. J. Cardiovasc. Surg., 1996, 111(3):567-573.
		Sugiura T., "Magnetic Compression Anastomosis of the Vascular System in Experimental Dog Models," 211, p. S141, 1 page English abstract and 12 page slide show.
		Supplementary Partial European Search Report from European Patent Application No. 01959718.6 dated 07 Jan 2005
		Takenaka H, Esato K, Ohara M, et al., "Sutureless Anastomosis of Blood Vessels Using
		Cyanoacrylate Adhesives," Surg Today, 1992; 22(1):46-54.
		Thierry B, et al., "Effect of Surface Treatment and Sterilization Processes on the Corrosion Behavior of NiTi Shape Memory Alloy," <u>JBMR</u> , 51(4), 2000; 685-93.
		von Segesser, L.K., Arterial Grafting for Myocardial Revascularization, 1990, pp. 3-140.
		Weissberg D, Schwartz P, Goetz RH, Nonsuture End-to-Side Anastomoses of Small Blood
		Vessels," Surgery, Gynecology & Obstetrics, August 1966; 341-46.
		Werker P, Kon M, "Review of Facilitated approaches to Vascular Anastomosis Surgery," Ann
		<u>Thorac Surg</u> , 1997; 63:S122-7.
		Whiffen JD, Boake WC, Gott VL, "Vessel Patency Following Nonsuture Anastomosis with
		Intravascular Rings," Arch Surg, December 1965; 91(6):939-41.
		Willman CJ, et al., "Corrosion Characteristics of RE-Fe-B Permanent Magnets," <u>J Appl Phys</u> , 1987; 61(8):3766-3768.
		Yamagata S, Carter LP, Handa H, et al., "Experimental Studies in Nonsuture End-to-Side
		Microvascular Anastomosis," Neurol Med Chiro (Tokyo), 1981; 21:701-08.

EXAMINER	Date Considered

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 8 of 8

INFORMATI	ON Atty. Docket No.: P22454.02	Serial No.: 10/774,345
DISCLOSU	E	
STATEMEN	T Applicant(s): Cole et al.	
	Filing Date: Feb. 6, 2004	Group: 3731
OTHER DO	UMENTS (Including Authors, Title, I	Date, Pertinent Papers, etc.)
OTHER DO		
	R, Martinod E, Fabre O, et al., "Video-Assisted I	Replacement of Bypass Grafting of the
Zegd	R, Martinod E, Fabre O, et al., "Video-Assisted Inding Thoracic Aorta With a New Sutureless Vas Surg, 1999; 30:320-4.	

EXAMINER		Date Considered		
	_			

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.